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## **CAPRIN1** Rabbit pAb

Catalog No.: A7910 3 Publications

## **Basic Information**

#### **Observed MW**

120kDa

#### **Calculated MW**

78kDa

## Category

Polyclonal Antibody

## **Applications**

WB,IF/ICC,ELISA

## **Cross-Reactivity**

Human, Mouse, Rat

## **Background**

Enables RNA binding activity. Predicted to be involved in negative regulation of translation and positive regulation of dendritic spine morphogenesis. Located in cell leading edge and cytosol.

## **Recommended Dilutions**

**WB** 1:1000 - 1:5000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting

concentration is 1 µg/mL. Please optimize the concentration based on your specific

assay requirements.

## **Immunogen Information**

**Gene ID**4076 **Swiss Prot**Q14444

## **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

M11S1; GPIAP1; RNG105; GPIP137; GRIP137; p137GPI; CAPRIN1

## **Contact**

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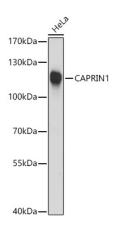
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

## Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from HeLa cells, using CAPRIN1 Rabbit pAb (A7910) at 1:3000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000

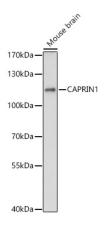
dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from Mouse brain, using CAPRIN1 Rabbit pAb (A7910) at 1:3000 dilution.

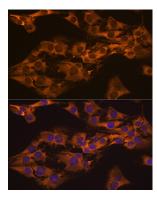
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

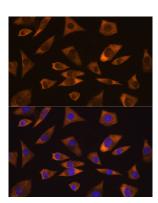
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

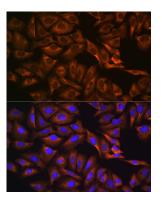
Exposure time: 30s.



Immunofluorescence analysis of C6 cells using CAPRIN1 Rabbit pAb (A7910) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using CAPRIN1 Rabbit pAb (A7910) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using CAPRIN1 Rabbit pAb (A7910) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.